Amendments to the specification

Please replace the present title on page 1, line 1, with following title:

--Universal Motion Controller <u>with a Data Source and Converter</u>--

Please insert the following section heading as a new paragraph on page 1, line 2:

α1   FIELD OF THE INVENTION

Please insert the following section heading as a new paragraph on page 1, line 6:

α2   --BACKGROUND OF THE INVENTION--

Please insert the following section heading as a new paragraph on page 2, line 16:

α3   --BRIEF SUMMARY OF THE INVENTION--

Please insert the following section heading as a new paragraph on page 6, line 16:

α4   --BRIEF DESCRIPTION OF THE DRAWINGS--

Please insert the following section heading as a new paragraph on page 7, line 4:

α5   --DETAILED DESCRIPTION OF THE INVENTION--

Please replace the last paragraph on page 7, line 22, with the following amended paragraph:

α6   The diagram in FIG 2 shows the significant run levels of a classic programmable logic controller (PLC; FIG 1), arranged according to their priority. Increasing priority is indicated by an arrow. At the level of lowest priority, as indicated by a dotted line, two different tasks are processed, namely, a free cycle, i.e., "user-level free cycle," (see FIG 5) and a background system-level, i.e., "system-level background," (see FIG 5) in a round-robin or time-sharing procedure. Communication tasks, for example, are allocated to the background system-level.

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When this is followed by a clocked user-level, designated the "user-level, clocked," parameters can be assigned for the call-up frequency of the tasks or programs of this level. Monitoring is performed to determine whether the processing of a user program on this clocked level has been concluded in time before the start event occurs again. If the clock time elapses without the user program of the allocated level having been completely processed, a corresponding task is started in a "user-level for asynchronous errors" that is of next highest priority. The user can program out the handling of error statuses in this "user-level for asynchronous errors."